## (19) World Intellectual Property Organization International Bureau





(43) International Publication Date 12 May 2005 (12.05.2005)

PCT

## (10) International Publication Number WO 2005/042543 A1

(51) International Patent Classification<sup>7</sup>: C07D 501/22

In-Kyu [KR/KR]; 342-1206 Yulgok Apt., Ogeum-dong, Gunpo-city, Kyungki-do 435-757 (KR).

(21) International Application Number:

PCT/KR2004/002770

(22) International Filing Date: 30 October 2004 (30.10.2004)

(25) Filing Language:

Korean

(26) Publication Language:

English

(30) Priority Data:

 10-2003-0076359
 30 October 2003 (30.10.2003)
 KR

 10-2003-0076358
 30 October 2003 (30.10.2003)
 KR

 10-2003-0076357
 30 October 2003 (30.10.2003)
 KR

 10-2003-0076354
 30 October 2003 (30.10.2003)
 KR

- (71) Applicant (for all designated States except US): CJ COR-PORATION [KR/KR]; 500 Namdaemunro5-ga, Jung-gu, Seoul 100-749 (KR).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): SEO, Dae-Won [KR/KR]; Rm. 301, Taewondasedae 43-10 Geumjeong-dong, Gunpo-city, Kyungki-do 435-050 (KR). CHUNG, In-Hwa [KR/KR]; 104-804 Injeong Venezia Village, Youngmun-ri, Pogok-myun, Yongin-city, Kyungki-do 449-813 (KR). LEE, Ki-Bong [KR/KR]; 201-301 Hyundai Apt., Yullyang-dong, Sangdang-gu, Cheongju-city, Chungcheongbuk-do 360-210 (KR). LEE,

- (74) Agent: LEE, Young-Pil; The Cheonghwa Bldg. 1571-18 Seocho-dong, Seocho-gu, Seoul 137-874 (KR).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

## **Published:**

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.